

Forum: [Hack Forums](#)

Thread: [\[VB.NET\] File size change notification](#)

codepoet - April 30, 2010, 8:36 am

The purpose for this code is to turn on the output of the RTS or DTS line of a serial port if the file size changes. I currently use this to turn on a relay that alerts me if I receive new mail in Thunderbird. There is no error checking.

Declarations:

Code Imports System.IO

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'You will get an error if you do not have a file in the path directory that is listed in TextBox1

Public Class Form1

Dim path As String

Dim test1 As Integer

Dim test2 As Integer

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

Handles Button1.Click

test2 = test1

End Sub

Private Function GetFileSize(ByVal MyFilePath As String) As Long

Dim MyFile As New FileInfo(MyFilePath)

Dim FileSize As Long = MyFile.Length

Return FileSize

End Function

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)

Handles MyBase.Load

'Change the number if you want a diffent serial port

SerialPort1.Open()

path = TextBox1.Text

Label1.Text = GetFileSize(path)

test1 = Label1.Text

test2 = Label1.Text

End Sub

Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs)

Handles Timer1.Tick

path = TextBox1.Text

Label1.Text = GetFileSize(path)

test1 = Label1.Text

If test1 <> test2 Then

```
Label2.BackColor = Color.Red
'This is for RTS as a output
'SerialPort1.RtsEnable = True
SerialPort1.DtrEnable = True
Else
Label2.BackColor = Color.Black
'This is for RTS as a output
'SerialPort1.RtsEnable = False
SerialPort1.DtrEnable = False
End If
End Sub
```

End Class

originally written by:Ryan Welsh

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nanoChicken - April 30, 2010, 8:38 am

or just use the filesystemwatcher class :)

codepoet - April 30, 2010, 8:45 am

well if you use my method its very simple and esay to understand (for noob)

Mark Webber's B1tch - April 30, 2010, 1:47 pm

Another great post.

Thanks for sharing mate.

codepoet - April 30, 2010, 1:50 pm

no problem... i'm glad you like it

2short

codepoet - April 30, 2010, 4:26 pm

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